

DRAFT -- Final version to be uploaded later

OWLETS Daily Observational Status Report Date: July 17, 2017

Green = Full Capability (No Comment Required), Yellow = Partial Capability or in transition, Red = Significant loss or no measurements, Grey = not planned

REMOTE SENSORS			
System	Location	Status	Notes
GSFC lidar (John Sullivan, Tom McGee, Lance Nino, Larry Twigg)	LaRC (inland site)		7:00 am to 5:30 pm
LaRC lidar (Guillaume Gronoff, Tim Berkoff, Bill Carrion, Betsy Farris)	CBBT third island (water site)		9:30 am to 5:30 pm
Pandora (Bob Swap)	LaRC, CBBT, VCU, Wallops,		Check with Jim S.
AERONET sunphotometers	LaRC, CBBT, Hampton U		
Aircraft			No aircraft this day
LaRC MPL (Schuster)	LaRC/CAPABLE site		Not operating
Hampton U MPL (Moore, McCormick)	Hampton U		9:30 am to ?
Hampton U ozone lidar (McCormick, Moore)	Hampton U		Not operating on this day?
Ceilometers (Szykman, SWAP)	LaRC, VCU, CBBT, SERC vessel		Clouds for SERC vessel some issues for Pandora
IN-SITU SENSORS			
System	Location	Status	Notes
SERC Research Vessel (Ryan Stauffer)	Chesapeake Bay		Ceilometer, NO2, Ozone, Pandora
UAV/POM (Allen, Neilan, Schroeder)	CBBT & LaRC		10:15 initial shakedown test and data collection in the morning, equipment issue in the afternoon
Sondes (Knepp, Sullivan, Pippin)	CBBT and LaRC, Hampton		~ 10:45 am, 3:30 pm ozonesonde launches
Three 2B Technologies bench type (Model 202, Pippin)	VLM		TRO down, in process of getting repaired
POM, 2B Technologies (Pippin)	Mobile car, and other locations		Two mobile vehicles deployed
CAPABLE trailer (Szykman)	LaRC		DEQ also has O3, CO, SO2, NO2, PM at this location
DEQ sites	Norfolk(CO, SO2, NO2), Tidewater CC(O3), Suffolk Tech (O3)		
NO2 surface sensors	CBBT, LaRC, SERC		